IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.(Currently Amended) A luminaire comprising:

a main reflector with a light emission window which is defined by a window edge of the luminaire;

contact means for accommodating at least a first and a second electric lamp;

a ~~concave~~ counter reflector positioned opposite the ~~concave~~ main reflector at an opposite side of the contact means ~~with respect to the concave reflector~~, said counter reflector facing the ~~concave~~ main reflector with a counter light emission window situated in a plane T, ~~which~~ wherein said counter light emission window is defined by an edge of the counter ~~reflector, characterized in that the luminaire is provided with a diffusor~~ reflector;

a diffuser in the counter light emission window, ~~while~~ wherein

a chink is left free between the counter reflector and the ~~diffusor, while the luminaire is further provided with~~ diffuser; and

mixing means which are positioned opposite the chink when viewed in a direction perpendicular to plane T.

2.(Currently Amended) ~~A~~ The luminaire as claimed in claim 1, ~~characterized in that~~ wherein the mixing means extend along the edge and from the edge over the chink.

3.(Currently Amended) ~~A~~ The luminaire as claimed in claim 1, ~~characterized in that~~ wherein the mixing means comprise a light-transmitting prism.

4.(Currently Amended) ~~A~~ The luminaire as claimed in claim 3, ~~characterized in that~~ wherein the prism has a base enclosing an angle with the plane T of the counter light emission window, which angle has a value in a range from 0 to 15°.

5.(Currently Amended) ~~A~~ The luminaire as claimed in claim 3,

~~characterized in that~~ wherein the prism has an apex angle β, which apex angle β has a value in a range from 80 to 100°.

6.(Currently Amended) ~~A~~ The luminaire as claimed in claim 4, ~~characterized in that~~ wherein the mixing means comprise a plurality of interconnected, partly overlapping prisms, each prism having a respective base which has substantially the same orientation as the bases of the other prisms.

7.(Currently Amended) ~~A~~ The luminaire as claimed in claim 1, ~~characterized in that~~ wherein the ~~diffusor~~ diffuser is provided with transverse slots which extend in a direction transverse to a longitudinal direction of the ~~diffusor~~ diffuser.

8.(Currently Amended) ~~A~~ The luminaire as claimed in claim 7, ~~characterized in that the luminaire is provided with~~ wherein the mixing means are located opposite the transverse slots, between the ~~diffusor~~ diffuser and the main reflector.

9.(Currently Amended) ~~A~~ The luminaire as claimed in claim 1,

~~characterized in that the diffusor~~ wherein the diffuser is of convex shape where it faces the ~~concave~~ main reflector, and the ~~diffusor~~ diffuser has an outer edge which is situated between a plane C through the contact means and the plane T.

10.(Currently Amended) ~~A~~ The luminaire as claimed in claim 7, ~~or 9, characterized in that the diffusor~~ wherein the diffuser has a V-shaped cross-section.

11.(Currently Amended) ~~A~~ The luminaire as claimed in claim 10, ~~characterized in that the diffusor~~ wherein the diffuser has an apex with an apex angle γ, which angle γ has a value in a range from 120° to 160°.

12.(New) A luminaire comprising:

a main reflector having a main edge defining a light emission window;

a counter reflector positioned opposite the main reflector and partially surrounding a first lamp and a second lamp, the counter reflector having a counter edge defining a counter emission window;

a diffuser located in the counter emission window and separated from the counter reflector by a gap; and

at least one prism positioned near the gap.

13.(New) The luminaire of claim 12, wherein the diffuser is configured to mix light rays from the first lamp and the second lamp.

14.(New) The luminaire of claim 12, wherein the at least one prism is configured to at least one of mix light rays from the first lamp and the second lamp passing through the gap and reflect the light rays back towards the counter reflector for reflection towards the diffuser.

15.(New) The luminaire of claim 12, wherein the at least one prism extends along the counter edge and over the gap.

16.(New) The luminaire of claim 12, wherein the at least one prism further comprises a plurality of interconnected, partly overlapping prisms, bases of the prisms having substantially a same

orientation.

17.(New) The luminaire of claim 12, wherein the diffuser is convex and faces the main reflector which is concave, and wherein the diffuser has an outer edge which is situated between a plane of the counter emission window and a plane through contacts that hold the first lamp and the second lamp.

18.(New) The luminaire of claim 12, wherein the diffuser has a V-shaped cross-section with an apex angle γ which is from 120° to 160°.

19.(New) The luminaire of claim 12, wherein the diffuser and the at least one prism are located such that light from the first lamp and the second lamp can only reach the main reflector through the diffuser or the at least one prism.

20.(New) The luminaire of claim 12, wherein the counter edge extends beyond the first lamp and the second lamp.